

1

## SEQUENCE LISTING

<110>	ASAKO,	HIROYUKI
	SHIMIZU	. MASATOSHI

- <120> MODIFIED REDUCTASE AND ITS GENE, AND USE THEREOF
- <130> Q76266
- <140> 10/608,625
- <141> 2003-06-30
- <150> JP 2002-194344
- . <151> 2002-07-03
  - <160> 31
  - <170> PatentIn Ver. 3.2
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  - Cys Ala Trp Tyr Tyr Leu Asn Glu Gly Glu Val Gly Glu Gly Ile Arg
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  - Asp Phe Leu Lys Glu Asn Pro Ser Val Lys Arg Glu Asp Ile Phe Val 65 70 75 80
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  - Phe Leu Val His Trp Pro Ile Ala Ala Glu Lys Asn Gly Gln Gly Glu
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  - Pro Lys Ile Gly Pro Asp Gly Lys Tyr Val Ile Leu Lys Asp Leu Thr 130 135 140
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Arg Lys Ala Arg Ser Ile Gly Val Ser Asn Trp Thr Ile Ala Asp Leu 165 170 Glu Lys Met Ser Lys Phe Ala Lys Val Met Pro His Ala Asn Gln Ile 185 Glu Ile His Pro Phe Leu Pro Asn Glu Glu Leu Val Gln Tyr Cys Phe 195 200 Ser Lys Asn Ile Met Pro Val Ala Tyr Ser Pro Leu Gly Ser Gln Asn Gln Val Pro Thr Thr Gly Glu Arg Val Ser Glu Asn Lys Thr Leu Asn 225 230 Glu Ile Ala Glu Lys Gly Gly Asn Thr Leu Ala Gln Val Leu Ile Ala Trp Gly Leu Arg Arg Gly Tyr Val Val Leu Pro Lys Ser Ser Asn Pro Lys Arg Ile Glu Ser Asn Phe Lys Ser Ile Glu Leu Ser Asp Ala Asp 280 Phe Glu Ala Ile Asn Ala Val Ala Lys Gly Arg His Phe Arg Phe Val Asn Met Lys Asp Thr Phe Gly Tyr Asp Val Trp Pro Glu Glu Thr Ala 310 320 - Lys Asn Leu Ser Ala 325 <210> 2 <211> 978 <212> DNA <213> Penicillium citrinum <220> <221> CDS <222> (1)..(978) <400> 2 atg tot aac gga aag act tto aca ttg agc aac ggc gtc aag att cct 48 Met Ser Asn Gly Lys Thr Phe Thr Leu Ser Asn Gly Val Lys Ile Pro 10 ggc gtc ggc ttt ggt acc ttc gct agt gaa ggt tcc aag ggc gag acc 96 Gly Val Gly Phe Gly Thr Phe Ala Ser Glu Gly Ser Lys Gly Glu Thr

25

20

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